AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original) A printing process control method provided in a terminal apparatus comprising a storing means which stores image data to be printed and a control means which performs short distance wireless communication with a printing apparatus, wherein,

said control means obtains from the printing apparatus, information regarding an attribute of the apparatus,

said control means determines whether or not said printing apparatus supports a predetermined expanded specification, based on the information regarding the attribute thus obtained,

when it is determined that the printing apparatus supports said predetermined expanded specification, data obtained by processing said image data to be printed according to said predetermined expanded specification is transmitted to said printing apparatus in a predetermined file format, and when it is determined that said printing apparatus does not support said predetermined expanded specification, data for identifying said image data to be printed is transmitted to said printing apparatus in a predetermined file format.

2. (original) The printing process control method according to claim 1, wherein,

said predetermined expanded specification is MIME (Miltipurpose Internet Mail Extension).

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3.   (currently amended) The printing process control method according to claim 1 ~~either~~

~~of claim 1 and claim 2~~, wherein,

said predetermined file format is XHTML (Extensible Hypertext Markup Language).

4.   (original) The printing process control method according to claim 1, wherein,

said control means obtains information from said printing apparatus, information

regarding a function of the printing apparatus, in addition to the information regarding the

attribute of said printing apparatus, and displays a print settings accepting screen having been

modified based on said information thus obtained regarding the function of the printing

apparatus, prior to transmitting data in said predetermined file format to said printing

apparatus.

5.   (original) A terminal apparatus which performs short distance wireless

communication with a printing apparatus, comprising,

a storing means which stores image data to be printed,

an attribute information obtaining means which obtains from the printing apparatus,

information regarding an attribute of the apparatus,

a determining means which determines whether or not said printing apparatus

supports a predetermined expanded specification, based on said information regarding the

attribute and

a transmission control means in which when it is determined that said printing

apparatus supports said predetermined expanded specification, data obtained by processing

said image data to be printed according to said predetermined expanded specification is

transmitted to said printing apparatus in a predetermined file format, and when it is

determined that said printing apparatus does not support said predetermined expanded

specification, data for identifying said image data to be printed is transmitted to said printing

apparatus in a predetermined file format.

6.   (original) The short distance wireless communication terminal apparatus according to

claim 5, further comprising,

        a function information obtaining means which obtains from the printing apparatus,

information regarding the function of the apparatus, and

        a print settings accepting means which displays a print settings accepting screen

having been modified based on said information thus obtained regarding the function of the

printing apparatus.

7.   (original) A short distance wireless communication printing system provided with a

printing apparatus and a terminal apparatus performing short distance wireless

communication with said printing apparatus, wherein,

        said printing apparatus comprises,

an attribute information responding means which makes a response as to information

regarding an attribute of the printing apparatus itself, in response to a request from outside,

and

        said short distance wireless communication terminal apparatus comprises,

        a storing means which stores image data to be printed,

an attribute information obtaining means which obtains from said printing apparatus, information regarding an attribute of the apparatus,

a determining means which determines whether or not said printing apparatus supports a predetermined expanded specification based on said information regarding the attribute,

a transmission control means in which when it is determined that said printing apparatus supports said predetermined expanded specification, data obtained by processing said image data to be printed according to said predetermined expanded specification is transmitted to said printing apparatus in a predetermined file format, and when it is determined that said printing apparatus does not support said predetermined expanded specification, data for identifying said image data to be printed is transmitted to said printing apparatus in a predetermined file format.

8.   (original) The short distance wireless communication printing system according to claim 7, wherein,

said printing apparatus further comprises,

a function information responding means which makes a response as to information regarding a function of the printing apparatus itself, in response to a request from the outside, and

and said short distance wireless communication terminal apparatus further comprises,

a function information obtaining means which obtains from said printing apparatus, information regarding the function of the apparatus, and

a print settings accepting means which displays a print settings accepting screen

having been modified based on said information thus obtained regarding the function of the

printing apparatus.

9.   (original) A recording medium which records a program that is executed in a terminal

apparatus comprising a storing means which stores image data to be printed and performing

short distance wireless communication with a printing apparatus, wherein,

said program allows said terminal apparatus to function as,

an attribute information obtaining means which obtains from the printing apparatus,

information regarding an attribute of the apparatus,

a determining means which determines whether or not said printing apparatus

supports a predetermined expanded specification based on said information regarding the

attribute,

a transmission control means in which when it is determined that said printing

apparatus supports said predetermined expanded specification, data obtained by processing

said image data to be printed according to said predetermined expanded specification is

transmitted to said printing apparatus in a predetermined file format, and when it is

determined that said printing apparatus does not support said predetermined expanded

specification, data for identifying said image data to be printed is transmitted to said printing

apparatus in a predetermined file format.

10.   (original) A terminal apparatus which performs short distance wireless

communication with printing apparatuses, comprising,

a list displaying means which displays a list of printing apparatuses available for

communication, and accepts a selection of the printing apparatus which is used for printing,

a search requesting means which issues a search request for devices,

a printing apparatus extraction means which extracts a printing apparatus from the

devices responding to said search request,

a printing apparatus information requesting means which requests information

regarding said printing apparatus from said printing apparatus thus extracted,

a determining means which determines whether or not information in response to said

printing apparatus information request satisfies a predetermined condition, and

a printing apparatus registering means in which when it is determined said condition

is satisfied, information for identifying said printing apparatus is registered in a higher order

of the list, and when it is determined said condition is not satisfied, the information for

identifying the printing apparatus is registered in a lower order of the list.

11.   (original) The terminal apparatus according to claim 10, wherein,

said determining means determines as said predetermined condition, whether or not a

manufacturer of said printing apparatus included in the response information to said printing

apparatus information request is a predetermined manufacturer.

12.   (original) The terminal apparatus according to claim 11, wherein,

said predetermined manufacturer is identical to a developer of a program to control

printing process in the terminal apparatus.

13.   (original) The terminal apparatus according to claim 11, wherein,

said printing apparatus registering means sorts the order in the list as to the

information which identifies a printing apparatus determined as satisfying the predetermined

condition, based on a predetermined order of priority, after the printing apparatus is

registered into a list of communication available printing apparatus.

14.   (original) The terminal apparatus according to claim 13, wherein,

said predetermined order of priority is a order given to each model.

15.   (original) The terminal apparatus according to claim 10, wherein,

information for identifying a printing apparatus which said printing apparatus

registering means registers in said list is a manufacturer name of said printing apparatus and a

model name of said printing apparatus, which are included in the response information to said

printing apparatus information request.

16.   (original) A terminal apparatus which performs short distance wireless

communication with printing apparatuses, comprising,

a list displaying means which displays a list of printing apparatuses and accepts a

selection of a printing apparatus to be used for printing,

a search requesting means which issues a search request for devices,

a printing apparatus extracting means which extracts a printing apparatus from the

devices which respond to said search request,

a printing apparatus information requesting means which requests information

regarding said printing apparatus from thus extracted printing apparatus,

a determining means which determines whether or not the response information to

said printing apparatus information request satisfies a predetermined condition, and

a printing apparatus registering means which registers into a list, information for

identifying the printing apparatus, when it is determined that the printing apparatus satisfies

said condition.

17.   (original) A recording medium which records a print control program executed in a

terminal apparatus that performs short distance wireless communication with printing

apparatuses, wherein,

said print control program allows the terminal apparatus to function as

a list displaying means which displays a list of printing apparatuses available for

communication, and accepts a selection of the printing apparatus which is used for printing,

a determining means which determines whether or not information regarding said

printing apparatus obtained from a communication available printing apparatus satisfies a

predetermined condition, and

a printing apparatus registering means in which when it is determined said condition

is satisfied, information for identifying said printing apparatus is registered in a higher order

of the list, and when it is determined said condition is not satisfied, the information for

identifying the printing apparatus is registered in a lower order of the list.

18.   (original) A list displaying control method in a terminal apparatus which performs

short distance wireless communication with printing apparatuses, said list displaying control

method displaying a list of communication available printing apparatuses and accepts a

selection of the printing apparatus used for printing, comprising,

    a search requesting step which issues a search request for devices,

    a printing apparatus extracting step which extracts a printing apparatus from

devices which have responded to said search request,

    a printing apparatus information requesting step which requests information

regarding said printing apparatus from said printing apparatus thus extracted,

    a determining step which determines whether or not information in response to

said printing apparatus information request satisfies a predetermined condition, and

    a printing apparatus registering step in which when it is determined said

condition is satisfied, information for identifying said printing apparatus is registered in a

higher order of the list, and when it is determined said condition is not satisfied, the

information for identifying the printing apparatus is registered in a lower order of the list.